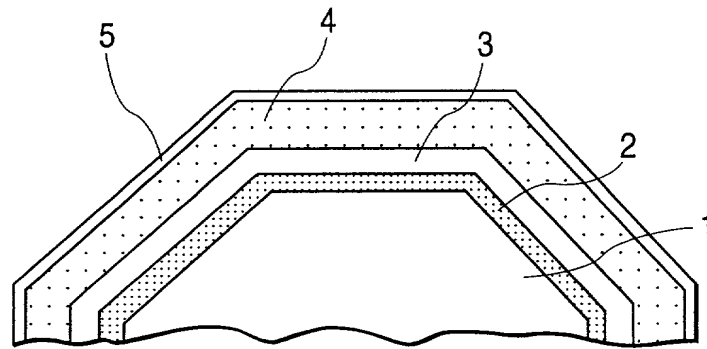
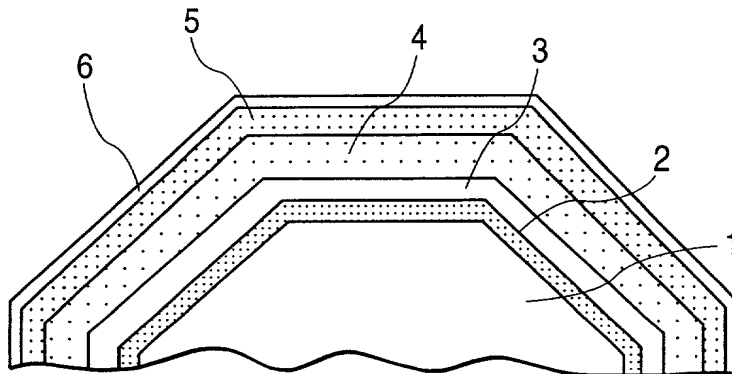


**FIG. 1**



**FIG. 2**



**FIG. 3**

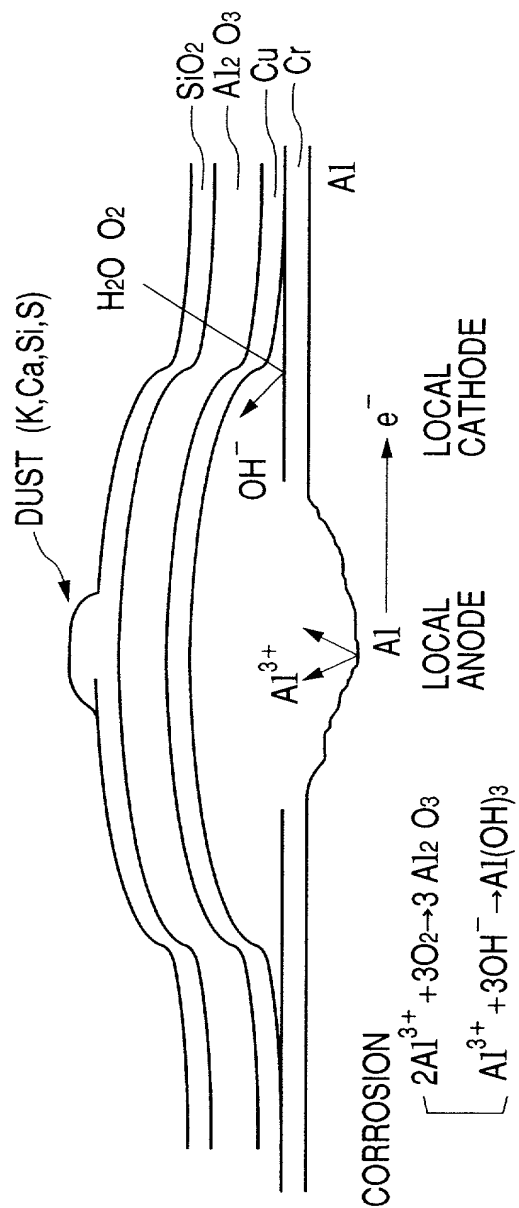


FIG. 4

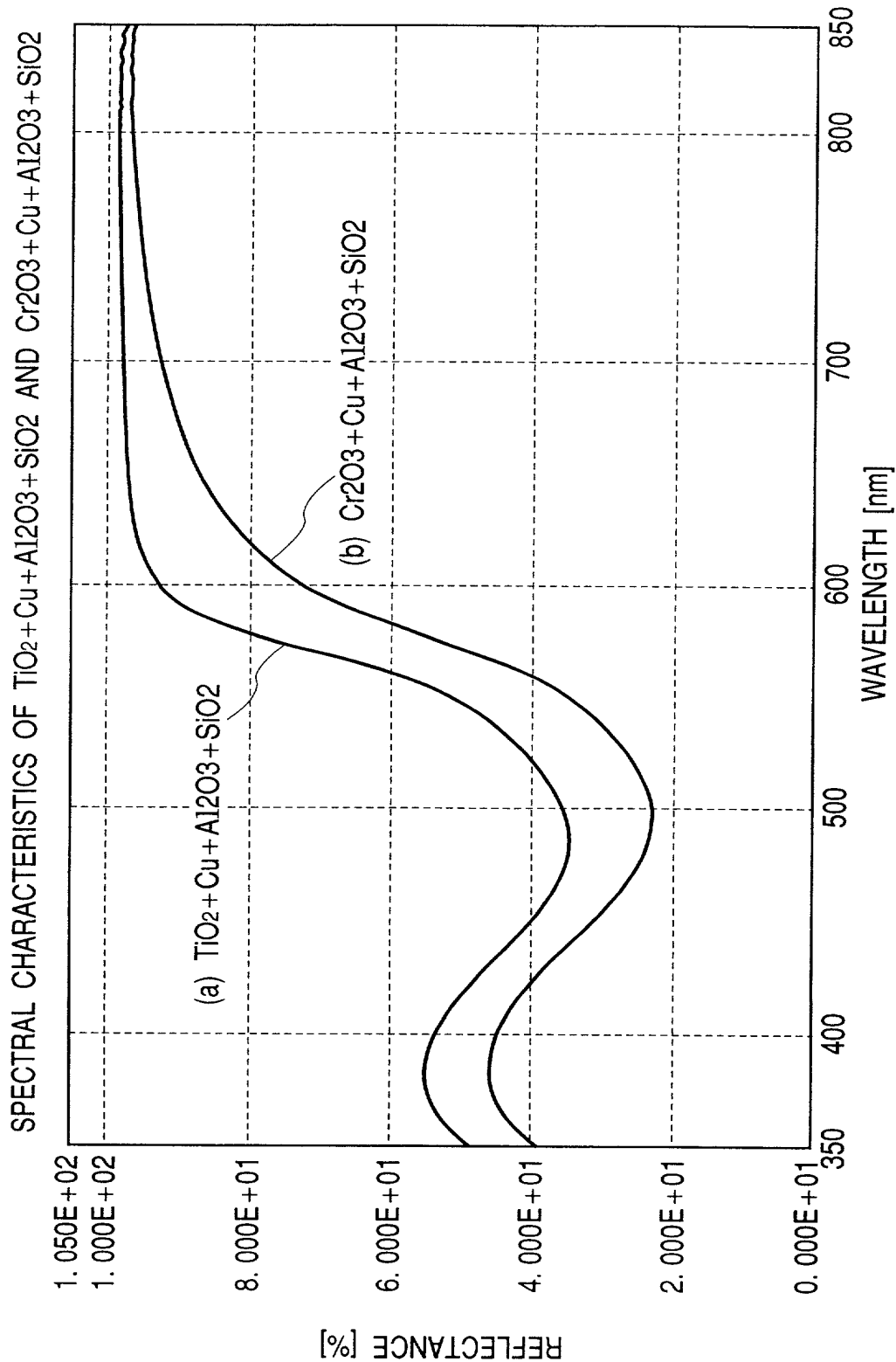
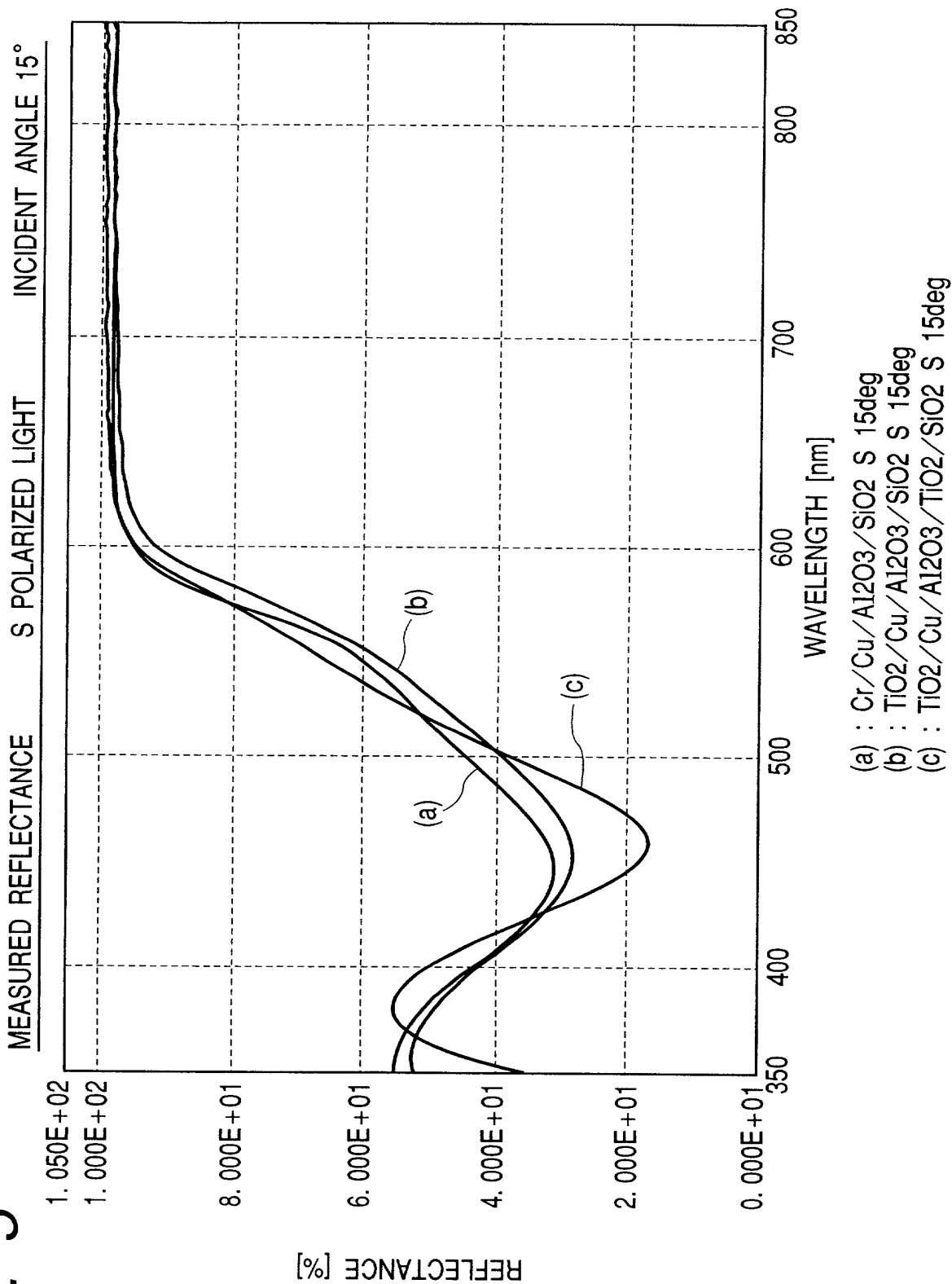
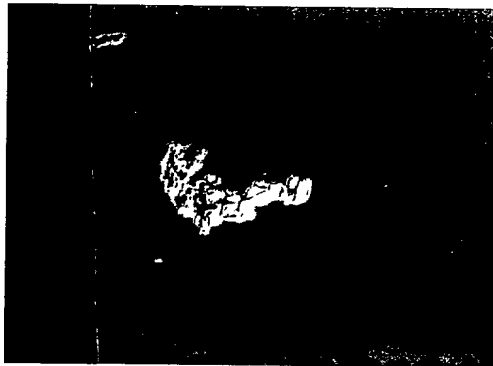


FIG. 5



***FIG. 6***

PHOTOGRAPH 1



MICROPHOTOGRAPH ( $\times 100$ )

***FIG. 7***

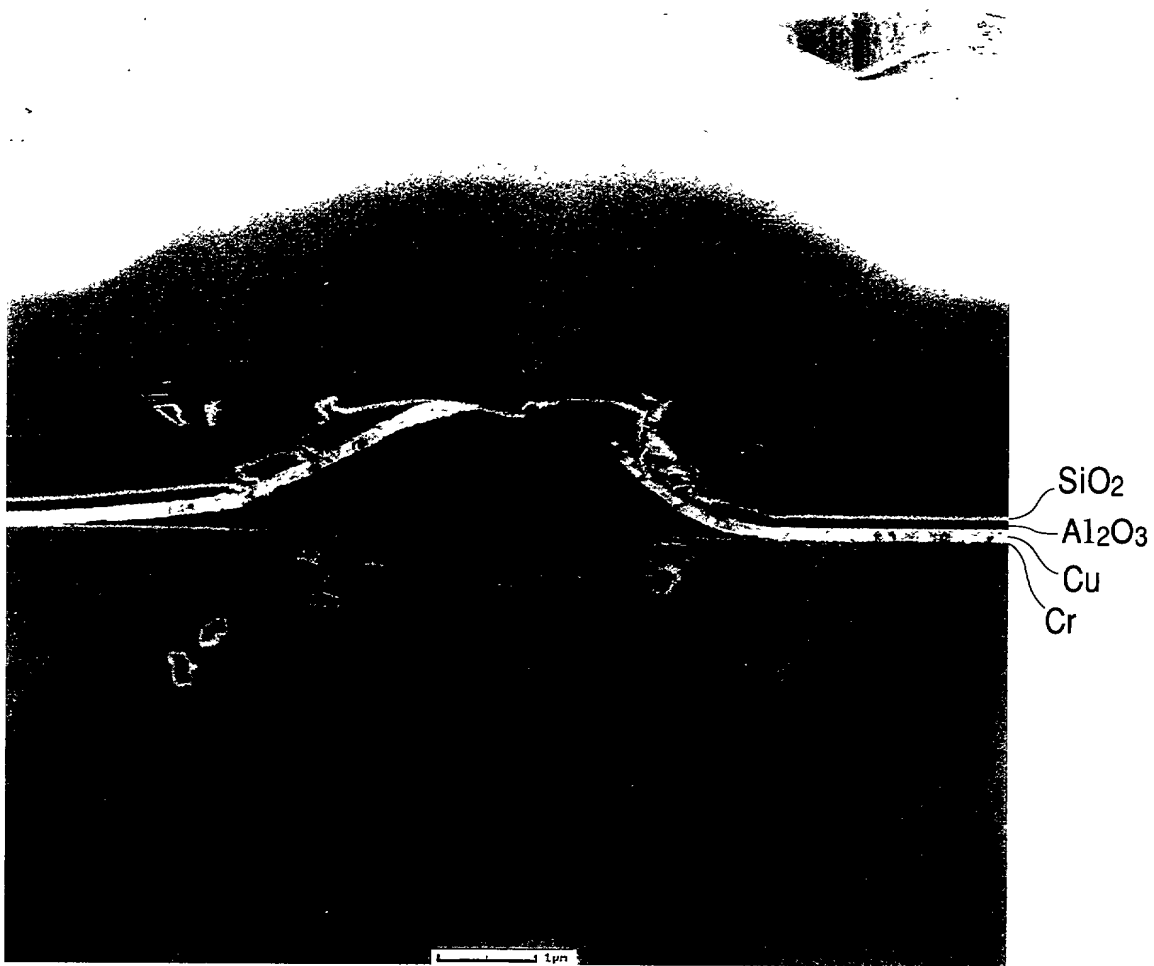
PHOTOGRAPH 2



MICROPHOTOGRAPH ( $\times 100$ )

# *FIG. 8*

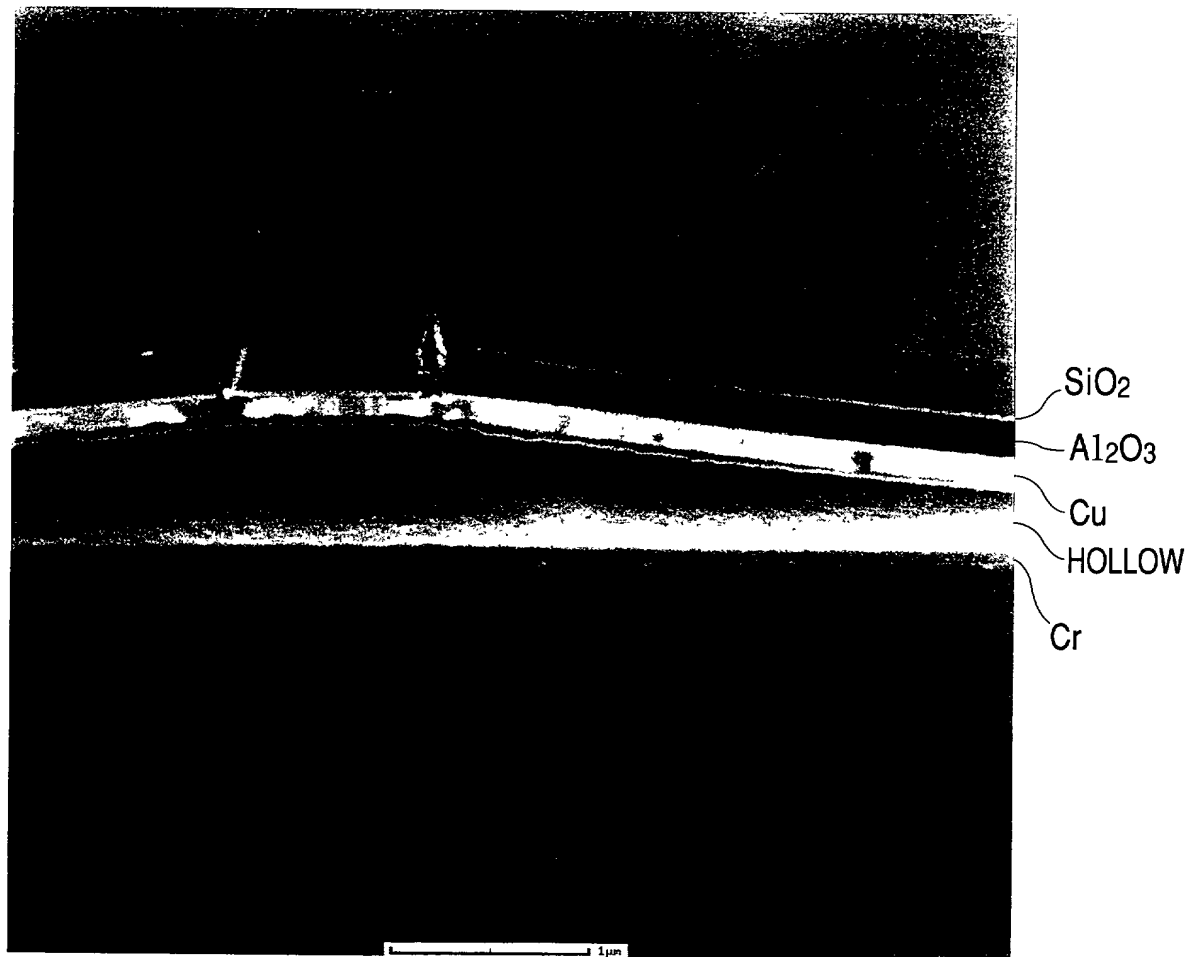
PHOTOGRAPH 3



FIB PHOTOGRAPH OF CORROSION PART

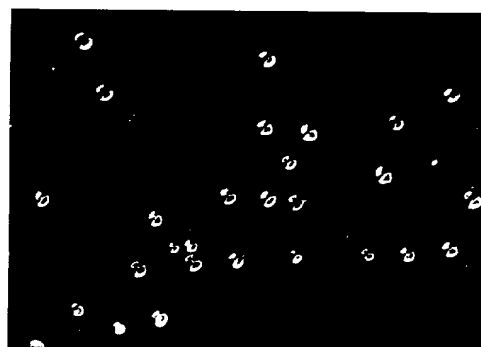
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**FIG. 9**  
PHOTOGRAPH 4



FIB PHOTOGRAPH OF FILM LIFTING PHENOMENON

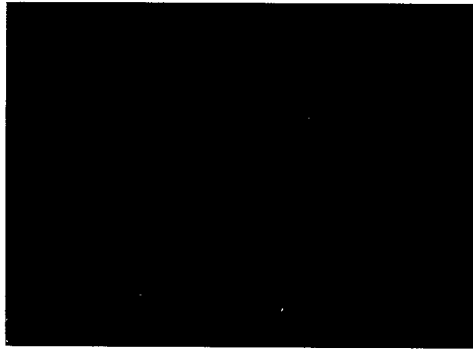
**FIG. 10**  
PHOTOGRAPH 5



SAMPLE  $\times 200$

***FIG. 11***

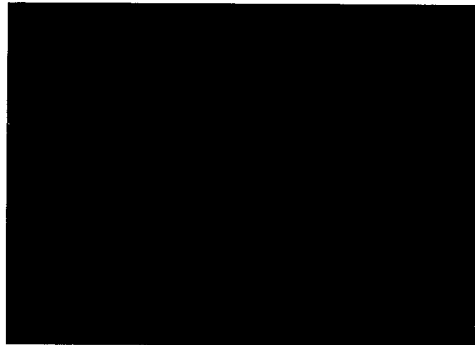
PHOTOGRAPH 6



UNUSUAL PART     $\times 500$

***FIG. 12***

PHOTOGRAPH 7

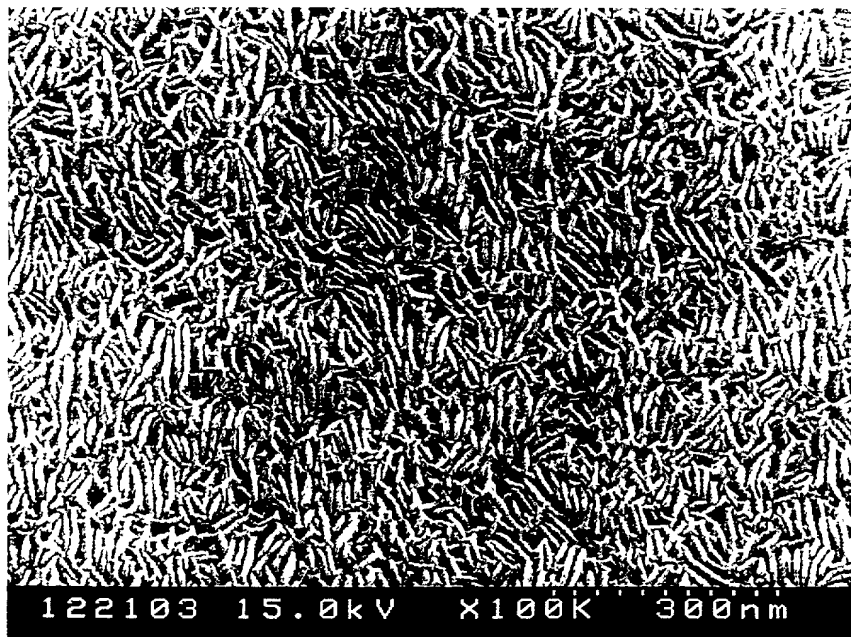


UNUSUAL PART     $\times 1000$



# **FIG. 13**

SEM PHOTOGRAPH OF Cr FILM SURFACE ×100K



# **FIG. 14**

SEM PHOTOGRAPH OF TiO<sub>2</sub> FILM SURFACE ×100K

